

Date: Mon, 19 Sep 94 23:30:47 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #1041
To: Info-Hams

Info-Hams Digest Mon, 19 Sep 94 Volume 94 : Issue 1041

Today's Topics:

1.2GHz on an HT -- how far?
1750 Hz tone generator in Yaesu ft-26?
2m handhelds ??
9K6 Bd Packet w/o TNC!
Cincinnati Sept. Hamfest ?
Corr. Western CT Hamfest 18 SEP 94
Crossband repeat volume on TM-733A?
JE2YRD
License turnaround ti
Macedonia QSL
NEWSLINE VIA INTERNET
Radio Shack Plays Historical Role
Richard Baldwin Live!
Tokyo VE Exams
Using 9913 outdoors (was Re: Coax Fittings)
VANITY CALLS - What's the story????
VHF Installation in Isuzu Trooper
Why is aviation COM VHF *amplitude* modulated?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Sep 1994 20:08:23 -0700
From: ihnp4.ucsd.edu!sdd.hp.com!hp-pcd!hp-cv!reuter.cse.ogi.edu!psgrain!
rainrgnews0!pacifier!news.alpha.net!mvb.saic.com!news.cerf.net!ccnet.com!
ccnet.com!not-for-mail@network.ucsd.edu
Subject: 1.2GHz on an HT -- how far?

To: info-hams@ucsd.edu

pouelle@uoft02.utoledo.edu wrote:

: Personally I'd go with 6m but that's neither here nor there. Anyway,
: 1.2GHz will be line of sight, and strongly influenced by any water containing

The noise floor is quite a bit lower at 1280 allowing the receiver to detect much weaker signals. The local 6 meter repeater is a good example where the guys all seem to use 100 watt mobiles just to put a scratchy signal into the repeater from 50 miles away. The same mobiles using the 1280 repeater on the same hill are always full quieting using 10 watts.

I bet a 1280 portable communicates further than a 6meter portable of the same low power. Rubber Ducks on six ?

1280 penetrates further into buildings and is not prone to pager overload or the clocks and other oscillators found in computer centers. Well at least not this year...

Bob

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

Date: Wed, 14 Sep 1994 01:09:56 GMT

From: ihnp4.ucsd.edu!mvp.saic.com!unogate!news.service.uci.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!csusac!csus.edu!netcom.com!

linley@network.ucsd.edu

Subject: 1750 Hz tone generator in Yaesu ft-26?

To: info-hams@ucsd.edu

In ye olden post burrus@cmu.unige.ch (Christophe Burrus, LABTEX, CMU, Geneva) spake...

>

>Hi everyone.

>I am living in Europe and using an American model 2-meter

>handheld (Yaesu ft-26).

>Over here, one needs a 1750 Hz tone burst to open the repeaters.

>Does anyone know if there is a mod to transform a US version ft-26 -> European

>version (with built in tone generator to open the receptors)

Just whistle! No I'm not kidding. Slowly raise the pitch as you're whistling

until you hit 1750 Hz. After a while you'll learn to whistle the right pitch right off the bat. This can also activate modems too (not useful though).

--

Bruce James Robert Linley ----- linley@netcom.com ----- Amateur radio: KE6EQZ

Date: Sun, 18 Sep 1994 04:02:00 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!iat.holonet.net!ectech!
clint.bradford@network.ucsd.edu
Subject: 2m handhelds ??
To: info-hams@ucsd.edu

A> I am planning on purchasing a 2m handheld in the near future.

The HTX-202 from Radio Shack is on sale for \$200. this month!
The HTX-202 has 12 independently-programmable memory channels, plus one calling and three priority channels. It comes with continuous tone squelch encode -AND- decode. Power output is 5 watts minimum (7w typical) with 12 VDC supply, 3 watts @ 9 VDC or 2 watts @ 7.5 VDC. Low power setting provides 1 watt output. A power saver circuit with programmable 1/2, 1/4, 1/8, or 1/16-second duty cycle. Batteries are compatible with larger ICOM (IC-2AT/IC-32AT) series HTs.

Repeater offset can be adjusted from 0 to 4 MHz in steps as set by the scan frequency step selection (5, 10, 20, 25, 50 or 100 KHz). Memories store any offset, and any combination of continuous tone frequencies.

Size is 65 x 117 x 37 mm. To put this in perspective, with alkaline packs on the 202 and my ICOM W2A, both are the same thickness. The 202 is maybe 1/4-inch wider (at widest part), and 1/16-inch taller (it's hard to compare because of the irregular shapes of HTs.) The HTX-202 does give the impression of being a "mid-size" HT until viewed up against something like the little W2A, which actually has three different "widths."

Supplied with Nicad battery, charger, 6-cell alkaline battery case, antenna, wrist strap and belt clip.

- * True FM modulation (not phase modulation) for outstanding transmit audio and best performance in packet service.
- * Continuous tone squelch transmit and receive tones are independently programmable.
- * In addition to DTMF dialing, there is 5-digit DTMF selective paging (DTMF squelch).
- * A five-number memory dialer that stores 15-digit sequences

for autopatch use or DTMF paging.

- * Scan for either active -- or vacant -- channels, with programmable scanning step of 5, 10, 20, 25, 50 or 100 KHz, and upper and lower scan limits (for VFO scan.)
- * FAST, 25 channels/second scanning.
- * Selectable priority channel scan interval, every 4, 8, 12 or 16 seconds.
- * Multi-function scanning lets you scan standard memories, priority freq. memories, or a frequency range. Resume can be after 10 seconds, when carrier drops, or remain on channel (don't resume.)
- * Transmit timeout - if you frequently time-out your local repeater, this circuit will stop transmitting after a preset delay (30, 60 or 120 sec.) and sound a beep. In effect, it forces you to reset the repeater before the repeater times out. Of course you can disable the timeout circuit.
- * The HTX-202 carries a 1-year parts and labor warranty.

Subjectively, this HT has exceptionally strong, un-distorted receive audio you'll really appreciate when walking around the local (noisy) hamfest. You won't believe the sound is coming from an HT! Transmit audio is crisp, clear and strong.

I put a 5/8-wave mag mount on my car, and used the 202 in the very intermod-rich downtown Ft. Worth, TX area. I've never been able to use an HT on an outside antenna within 2 miles of downtown Ft. Worth before. This one performed magnificently. My ICOM 2400 dual-band mobile gets less intermod than any other radio I've used in this environment, and the HT stayed with it, toe-to-toe. When the ICOM heard intermod, the 202 heard it, but when the ICOM was quiet, SO WAS THE HT!!!!

Even more impressive, the HTX-202 heard signals through the intermod, when the IC-2400 could not pull 'em out! Reason is probably because we purposely limited coverage to ham band ONLY! It can't be modified for out-of-band receive. The design objective was to build a specialized ham radio product that does the best possible job on the ham bands, and that includes the tightest, most intermod-free front end we could design into an HT! The published spec says intermod attenuation is 60db minimum. Spurious response and adjacent channel rejection are also 60db.

The HTX-202 is based on the ICOM 02AT with certain design modifications based on Tandy's specs. These variations include the encode/decode, additional memories, and a full width LCD display. Contrary to rumor, no part of the radio is Kenwood or Yaesu! ICOM sold the rights to their design to Tandy to do with what they would.

When Tandy sought to produce the unit, they went to their usual Korean source for cheap gadgetry: MAXON. Maxon then built the HTX-202 for Tandy, under license from Icom. The HTX-202 is surprisingly sturdy, and well constructed, considering that Maxon's Quality Control has, in the past, been suspect.

* QMPPro 1.52 * Dogs come when you call. Cats have answering machines.

Date: 19 Sep 1994 11:58:34 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!Germany.EU.net!
news.dfn.de!news.belwue.de!news.uni-stuttgart.de!moritz@network.ucsd.edu
Subject: 9K6 Bd Packet w/o TNC!
To: info-hams@ucsd.edu

Hi!

The inventors of the BAYCOM modem, also known as poor man's packet, have just come up with a 9K6 modem. It connects to the printer port and costs around 150 \$ or so.

May become a good alternative to a TNC.

73, Moritz

Date: 19 Sep 1994 09:33:01 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!swiss.ans.net!newstf01.cr1.aol.com!newsbf01.news.aol.com!
not-for-mail@network.ucsd.edu
Subject: Cincinnati Sept. Hamfest ?
To: info-hams@ucsd.edu

In article <35hin1\$ke4@hpscit.sc.hp.com>, jyelmgr@corp.hp.com (John Yelmgren) writes:

What happened to the Cincinnati Hamfest in Sept. this year ?
This used to be held at Strickers Grove and then moved to the Shriners Oasis about three years ago.

The normal date for this hamfest would be this weekend (Sept 18th)

No listing for any hamfests in Cincinnati for Sept. show in any of

the usual spots.

Reply:

The Hamfest was moved to August. You're a little late OM.

Date: 14 Sep 1994 05:24:14 GMT
From: ihnp4.ucsd.edu!news.cerf.net!bengal.oxy.edu!acsc.com!wp-sp.nba.trw.com!
elroy.jpl.nasa.gov!lll-winken.llnl.gov!overload.lbl.gov!agate!
soda.CSUA.Berkeley.EDU!remailer@network.ucsd.edu
Subject: Corr. Western CT Hamfest 18 SEP 94
To: info-hams@ucsd.edu

Correction: Hope that the full text follows this time.

The Western Connecticut Hamfest, sponsored by the Candlewood Amateur Radio Association will be held this coming weekend. Plan to attend!

When: Sunday, 18 SEP 94, 0800-1300 EDT, rain or shine (but hope for shine :-)

Where: Edmond Town Hall, Newtown, CT. (near the Flagpole)
Directions: I-84 to exit 10, take US Route 6 South to the Flagpole (State Route 25), and you should see us on the right.

Talk-in: Danbury repeater 147.12 +600, PL 141.3

Admission: \$4.00, kids under 12 free.

ARRL sanctioned. Handicapped access. Door prizes. Refreshments. Ample parking.

Hope to see you there.

73 DE N1QNK

Jim

I fixed the Sten. I got it with a 10" barrel and a 10" barrel. I heard about a gun expert. He's done quite a few autoconversions already.

For more information about this anonymous posting service, please send mail to remailer@csua.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:

::

Response-Key: the-clipper-key

====Encrypted-Sender-Begin====

MI@``\$I^&2?(E<U9BPG1]W7LG=FKH_Q:G*:.)P32@.94(/(-)JZXJ'07'S#.
B?-IB:P?^M9['TW_*x-' +#2V)Z='16+@N4#7`PZ3K+!\$?(@``

====Encrypted-Sender-End====

Date: Wed, 14 Sep 1994 00:11:33 GMT

From: psinntp!atldbs!atldg02.dbsoftware.com!adair@uunet.uu.net

Subject: Crossband repeat volume on TM-733A?

To: info-hams@ucsd.edu

Has anyone noticed the crossband repeat volume on a TM-733 to be low? I've
looked at the schematic, and there isn't a pot to adjust this, but a
10K resistor feeds the audio which might be the one to change if I can
get to it...

Anyone looked at this?

--

Owen Adair WD4FSU adair@dbsoftware.com

D&B Software ...backbone!atluw01!atldg02!adair (404) 239-3690

The current administration is the Road Guard of the Information Superhighway

Date: 20 Sep 94 05:33:38 GMT

From: news-mail-gateway@ucsd.edu

Subject: JE2YRD

To: info-hams@ucsd.edu

I could not find posters original email address, so I post it
here. (I subscribe info-hams mailing list)

In message "JE2YRD"

on 94/08/29, KA6SAR writes:

: Hi there, are there any operators from contest station JE2YRD who read
: this forum

I was the member of JE2YRD Hill Top Ham Club a year or so ago.
But now the station has not been in the contest. All past ops
were gone and the station owner JA2EZD operates occasionally.

Send emails to me directly.

Tack KUMAGAI, JE1CKA/KH0AM
email: je1cka@nal.go.jp

Date: 19 Sep 1994 19:52:50 GMT
From: george.inhouse.compuserve.com!news.inhouse.compuserve.com!compuserve.com!
news@uunet.uu.net
Subject: License turnaround ti
To: info-hams@ucsd.edu

Geez!!!!!!!!!!!!!! Give the guy a break. He was understandably
disappointed, maybe even a little unfair "blaming" the FCC,
but no reason to read the riot act!

73, de Hans, K0HB

--

Hans Brakob, K0HB		EX-KG6AQI, WA0PQF, WB9DLL
Vice Director		WB4GXH, WB0WFF
Dakota Division ARRL		73 from Minnesota

Date: Wed, 14 Sep 94 10:07:00 -0500
From: ihnp4.ucsd.edu!news.cerf.net!nntp-server.caltech.edu!netline-
fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!lll-winken.llnl.gov!overload.lbl.gov!agate!
iat.holonet.net!cencore!forrest.gehrke@network.
Subject: Macedonia QSL
To: info-hams@ucsd.edu

QSL Information, please. Awhile back I worked a Macedonia
station, call sign Z30B. Gave his QSL info via YU5CEF.

Never received a response and it's been a year ago.

Anyone have any info of ever receiving a QSL from this
fellow? If so, what is his mailing address?

--k2bt

≥ SLMR 2.1a ≥ ---**> Real Programmers Practice Safe HEX <**---

Date: Mon, 19 Sep 1994 20:02:01 GMT
From: netcomsv!netcom.com!n1list@decwrl.dec.com
Subject: NEWSLINE VIA INTERNET
To: info-hams@ucsd.edu

[Suggestion to digitize Newsline deleted]

Newsline is available in ASCII form via the newsline-list mailing list.
To subscribe, send mail to listserv@netcom.com with the line

subscribe newsline-list

in the body (not subject) of the message.

/mike

Maintainer, BARC lists

--

\\// Michael L. Ardai N1IST Teradyne ATB, Boston MA

-*- -----

/\\ ardai@maven.dnet.teradyne.com n1list@netcom.com

Date: 19 Sep 1994 09:31:01 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!swiss.ans.net!newstf01.cr1.aol.com!newsbf01.news.aol.com!
not-for-mail@network.ucsd.edu
Subject: Radio Shack Plays Historical Role
To: info-hams@ucsd.edu

In article <CwAyGn.4rz@news.Hawaii.Edu>, jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>

> PORT-AU-PRINCE, (Reuter) - An unidentified plane zoomed in
> low over Port-au-Prince shortly after President Clinton's speech
> late Thursday night, and was believed to have dropped as many as
> six parachutes in the downtown area of Haiti's capital.

> At least one of the parachutes carried a crate of Radio
> Shack AM-FM transistor radios, complete with batteries,
> according to an eyewitness who examined the cargo.

>.....

>There you go. So many folks have nothing good to say about

>Radio Shack and its products and here we see them playing
>an important role in history. ;)

That's our government under Clinton's leadership for ya! Sending that RS junk to Haiti! Bet most of the radios didn't work or the batteries were dead! Sounds like the government bought that line about RS having the answers!

Date: Mon, 19 Sep 1994 13:06:57
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.sprintlink.net!
indirect.com!s146.phxslip.indirect.com!lenwink@network.ucsd.edu
Subject: Richard Baldwin Live!
To: info-hams@ucsd.edu

Richard Baldwin, W1RU, president of the IARU, will be the special guest on the Ham Radio & More Show. Find out what the meeting in Singapore was all about, what is the status of the code requirements, is anybody internationally taking the ORACLE group serious, and more. That's this Sunday, September 25, 1994, at 6:00pm EST, on the Talk America Network in over 20 cities and via TVRO satellite on Spacenet 3, Transponder 9, 6.8 audio.
More info at 602-241-1510.
73, Len, KB7LPW

Date: 20 Sep 94 06:06:18 GMT
From: news-mail-gateway@ucsd.edu
Subject: Tokyo VE Exams
To: info-hams@ucsd.edu

The Tokyo VE Team of W5YI-VEC will hold the exam session in Tokyo as follows;

DATE: Oct. 23 '94(Sunday)
Time: 13:00~16:30JST
PLACE: Room #8, Mitaka City Convention Hall
Mitaka, Tokyo, Japan
Exam elements: all(1A-1C, 2-4B)

All examiners will be requested to make the registration for the exam by Oct 17. The registration form (Form-AP1) is prepared.
(Walk ins are not accepted)

TVET will hold exams on every 1st Sunday in even months.

For more information send me an email.
Tack Kumagai, KH0AM
EMAIL: je1cka@nal.go.jp

Date: Wed, 14 Sep 1994 03:06:09 GMT
From: ihnp4.ucsd.edu!mvp.saic.com!unogate!news.service.uci.edu!usc!
howland.reston.ans.net!news.cac.psu.edu!ppp22.cac.psu.edu!cwm3@network.ucsd.edu
Subject: Using 9913 outdoors (was Re: Coax Fittings)
To: info-hams@ucsd.edu

In article <1994Sep13.010623.10993@ulb.isc.rit.edu> jdc3538@ulb.isc.rit.edu
(J.D. Cronin) writes:

>From: jdc3538@ulb.isc.rit.edu (J.D. Cronin)
>Subject: Using 9913 outdoors (was Re: Coax Fittings)
>Date: Tue, 13 Sep 1994 01:06:23 GMT

>In article <9409120400061382@pcappbbs.com> dale.piedfort@pcappbbs.com (Dale
>Piedfort) writes:

>>9913 is great coax if you are going to use it in straight runs, it will
>>not take undo flexing such as being used on a rotor though. And one of
>>the drawbacks of 9913 it is subject to contamination because of the air
>>dielectric. Better coax for your use would be Times Micro Wave LMR400

>How about filling the last foot of the 9913 with polystyrene cement
>or the silicon RTV goop to keep water out? Also, for flexibility,
>can one splice a 5 or 10 foot length of RG-8 on the end of a 9913 run?

>73...Jim N2VNO

>>dale.piedfort@pcappbbs.com

Filling the cable with something as Jim suggests will change the impedance
of that section of the cable with bad things resulting. Splicing on a piece
of RG-8 is an acceptable solution. This is done all the time with hardline.

73, Chuck - K3CM

Date: 19 Sep 1994 20:07:02 GMT
From: george.inhouse.compuserve.com!news.inhouse.compuserve.com!compuserve.com!
news@uunet.uu.net
Subject: VANITY CALLS - What's the story????
To: info-hams@ucsd.edu

Hello Tony,

I can't speak for all the responses you read, but only for the study which was conducted by a Committee of ARRL Directors and staffers. You may wish to contact your Director for a copy of the report, or read the comments at the FCC reading room as they were submitted.

The ARRL study consisted of a number of surveys via US Mail, packet, and in-person interviews. In all, several hundred persons were heard from in that effort. The committee reported overwhelming support for the basic idea, although many suggestions for improving the introduction. The FCC NRPM would have had a simultaneous availability for all applicants. The ARRL proposal, based on the Committee study, recommended a series of stages so that all the FCC-610V forms didn't deluge Gettysburg at once.

Current law is what drives the \$70 fee (\$7.00 per year for a 10-year license) each time a person renews their license. ARRL has separately proposed a one-time up front fee (I believe the suggestion was \$150.).

73, de Hans, K0HB

--

Hans Brakob, K0HB		EX-KG6AQI, WA0PQF, WB9DLL
Vice Director		WB4GXH, WB0WFF
Dakota Division ARRL		73 from Minnesota

Date: Mon, 19 Sep 94 17:19:57 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: VHF Installation in Isuzu Trooper
To: info-hams@ucsd.edu

Does anyone have experience with 2m/70cm mobile installation in '92 or later Isuzu Troopers? The vehicle computer module is located just beneath the am/fm broadcast rcvr, and I'm wondering how susceptible it is to emi from the ham gear....Thanks.

Joe San Filippo, WZ5R
Las Cruces, NM

Date: Mon, 19 Sep 1994 14:51:29 +0100
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!swrinde!pipex!lyra.csx.cam.ac.uk!NewsWatcher!
user@network.ucsd.edu
Subject: Why is aviation COM VHF *amplitude* modulated?
To: info-hams@ucsd.edu

Some time ago I replied to a question about aviation radio frequencies

> The most interesting segment of the spectrum from a civil aviation point
> of view is the VHF range 118 MHz to 137 MHz; the transmissions are
> amplitude modulated (A3E).

Someone subsequently asked me *why* they are AM not FM (after all,
commercial broadcast VHF in the 88 to 108 MHz range is FM). Explanations
please?

Thanks

Julian Scarfe
jas12@cus.cam.ac.uk

Date: 20 Sep 94 05:52:04 GMT
From: news-mail-gateway@ucsd.edu
To: info-hams@ucsd.edu

References je1cka@dumpty.nal.go.JP, (Takao, KUMAGAI)
Subject : Re: US licences for UK amateurs??

In message "US licences for UK amateurs??"
on 94/09/02, world!drt@uunet.uu.net <world!drt@uunet.uu.net> writes:

Simon Twigger (mbxsnt@unicorn.nott.ac.uk) wrote:

: One trick around this is to get your reciprocal permit and then over
: the year take all the exam elements OUT OF ORDER. If you don't take
: the first theory exam (Element 2) until you've passed enough elements
: to qualify for a license you can live with, you cannot possibly
: qualify for a license prematurely.

Is this trick accepted at any VEC or ve teams?
I've been a contact ve of W5YI-VEC and I would not accept this trick
at our exam site. If the examiner is not qualified lower elements, he
must pass the element before to take the higher elements.

Tack KH0AM
email:je1cka@nal.go.jp

End of Info-Hams Digest V94 #1041
